

O P E  
APR 06 1999  
JCT 18  
OFFICE

Form PTO-91449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

Docket Number (Optional)  
019743.0261Application Number  
08/976,294Applicant  
Westerlage, et al.Filing Date  
November 21, 1997

Group Art Unit

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ERC	R	E	3	4	0	3	4	08/92	O'Sullivan	379	59	09/29/89
ERC	3	5	1	8	6	7	4	06/70	D. L. Moorehead, et al.	343	112	02/13/69
ERC	3	6	8	0	1	2	1	07/72	Anderson, et al.	343	112 TC	01/02/70
ERC	3	7	1	4	6	5	0	01/73	Fuller, et al.	343	6.5 LC	07/30/70
ERC	3	7	5	7	2	9	0	09/73	Ross, et al.	340	23	03/12/71
ERC	3	7	8	9	4	0	9	01/74	Easton	343	112 R	10/08/70
ERC	3	8	4	8	2	5	4	11/74	Drebinger, et al.	343	112 R	06/14/72
ERC	3	9	0	6	1	6	6	09/75	Cooper, et al.	179	41 A	10/17/73
ERC	4	0	5	3	8	9	3	10/77	Boyer	343	112 PT	11/18/75
ERC	4	0	6	7	0	6	1	01/78	Juhasz	364	900	03/18/75
ERC	4	0	8	3	0	0	3	04/78	Haemming	325	6	04/08/76

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	Translation	
												YES	NO
ERC	0	1	6	1	9	4	1	09/84	Japan	1104D7720	1104D7720		X
ERC	3	5	1	6	3	5	7	11/86	Republic of Germany	1104D7726	1104D7726		X
ERC	0	2	4	2	0	9	9	10/87	EPQ	1104D7742	1104D7742		X
ERC	2	1	9	3	8	6	1	02/88	United Kingdom	1104D7747	1104D7747		X
ERC	0	1	7	5	5	3	7	07/88	Japan	1104D7759	1104D7759		X

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

ERC	"TRIMPACK" Brochure, TrimbleNavigation, date unknown, 1 page.
ERC	Gary D. Ott, "Vehicle Location in Cellular Mobile Radio Systems," IEEE, Vol. VT-26, No. 1, February, 1977, pp. 43-46.
ERC	James C. Reynolds, et al., "GPS-Based Vessel Position Monitoring and Display System," IEEE, 1990, pp. 601-607.

EXAMINER

Cosimano, E.

DATE CONSIDERED

7-20-98

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT & TRADEMARK OFFICE  
APR 06 1998  
10/18**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

Docket Number (Optional)  
019743.0261Application Number  
08/976,294Applicant  
Westerlage, et al.Filing Date  
November 21, 1997

Group Art Unit

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ERC	4	1	0	7	6	8	9	08/78	Jellinek	343	23	06/07/76
ERC	4	1	5	2	6	9	3	05/79	Ashworth, Jr.	340	24	04/25/77
ERC	4	1	7	7	4	6	6	12/79	Reagan	343	112 TC	11/16/77
ERC	4	2	2	2	0	5	2	09/80	Dunn	343	112 R	12/15/77
ERC	4	2	5	8	4	2	1	03/81	Juhasz, et al.	364	424	03/14/79
ERC	4	3	0	3	8	5	0	12/81	Juhasz, et al.	235	92	03/14/79
ERC	4	3	0	7	4	5	5	12/81	Juhasz, et al.	364	900	03/14/79
ERC	4	4	2	8	0	5	2	01/84	Robinson, et al.	364	436	06/09/81
ERC	4	4	2	8	0	5	7	01/84	Setliff, et al.	364	521	06/09/81
ERC	4	4	3	5	7	1	1	03/84	Ho, et al.	343	389	09/15/80
ERC	4	4	4	5	1	1	8	04/84	Taylor, et al.	343	357	05/22/81

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	Translation	
												YES	NO
ERC	0	2	1	9	2	3	8	09/88	Japan	4104B720	✓		X
ERC	0	2	9	0	7	2	5	11/88	EPO	4104B724	✓		X
ERC	8	9	0	4	0	3	5	05/89	PCT	4105B705	✓		X
ERC	0	2	2	6	2	2	6	09/89	Japan	4104B745	✓		X
ERC	8	9	1	2	8	3	5	12/89	PCT	4013B702	✓		X

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

ERC	R. DeSadaba, "Personal Communications in the Intelligent Network," <i>British Telecommunications Engineering</i> , Vol. 9, August, 1990, pp. 80-83.
ERC	"GPS NAVSTAR Global Positioning System User's Overview - YEE-82-009D," <i>Navstar Global Positioning System Joint Program Office</i> , March, 1991, pp. 1-164.
ERC	"U.S. Coast Guard Differential GPS" Brochure, <i>U.S. Department of Transportation, United States Coast Guard</i> , May, 1993.

EXAMINER	DATE CONSIDERED
Cosimano, E.	7-20-98

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>								Docket Number (Optional) 019743.0261	Application Number 08/976,294						
								Applicant Westerlage, et al.							
								Filing Date November 21, 1997				Group Art Unit			

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ERC	4	5	4	7	7	7	8	10/85	Hinkle, et al.		343	456	06/09/81
ERC	4	5	9	0	5	6	9	05/86	Rogoff, et al.		364	452	10/14/83
ERC	4	6	4	4	3	5	1	02/87	Zabarsky, et al.		340	825.44	05/08/84
ERC	4	6	5	1	1	5	7	03/87	Gray, et al.		342	457	05/07/85
ERC	4	6	5	4	8	7	9	03/87	Goldman, et al.		455	33	03/29/85
ERC	4	6	6	0	0	3	7	04/87	Nakamura		340	990	01/26/83
ERC	4	6	7	0	9	0	5	06/87	Sandvos, et al.		455	33	11/29/85
ERC	4	6	8	8	2	4	4	08/87	Hannon, et al.		379	58	11/10/86
ERC	4	7	0	0	3	7	4	10/87	Bini		379	60	06/21/85
ERC	4	7	3	4	9	2	8	03/88	Weiner, et al.		379	59	03/18/87
ERC	4	7	3	7	9	7	8	04/88	Burke, et al.		379	60	10/31/86

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	Translation	
												YES	NO
ERC	0	3	6	7	9	3	5	05/90	EPO	4040704		X	
ERC	2	2	2	1	1	1	3	01/93	United Kingdom	0015300		X	
ERC	3	7	6	7	5	8	9	02/93	Australia	5015003/02	0006001/427	X	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

ERC	"GPS Facts & Figures" Brochure, U.S. Department of Transportation, United States Coast Guard, May, 1993.
ERC	D. H. Alsip, et al., "Implementation of the U.S. Coast Guard's Differential GPS Navigation Service," U.S. Coast Guard Headquarters, Office of Navigation Safety and Waterway Services, Radionavigation Division, June 28, 1993, pp. 1-10.
ERC	"Motorola GPS Technical Reference Manual," Motorola, October, 1993, Manual Cover, Title Page, and Pages 4-109.

EXAMINER	DATE CONSIDERED
Cosimano, E	7-20-98

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



 Form PTO-1449 (Rev. 1-22-92)	Docket Number (Optional) 019743.0261	Application Number 08/976,294
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>	Applicant Westerlage, et al.	
	Filing Date November 21, 1997	Group Art Unit

## **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ERC	4	7	4	0	7	9	2	04/88	Sagey, et al.		342	457	08/27/86
ERC	4	7	4	2	3	5	7	05/88	Rackley		342	457	09/17/86
ERC	4	7	5	0	1	9	7	06/88	Denekamp, et al.		379	58	07/02/87
ERC	4	7	5	4	4	6	5	06/88	Trimble		375	1	05/07/84
ERC	4	7	7	4	6	7	0	09/88	Palmjeri		364	446	04/29/85
ERC	4	7	7	5	9	9	9	10/88	Williams		379	59	12/07/87
ERC	4	7	7	6	0	0	3	10/88	Harris		379	91	10/01/86
ERC	4	7	8	8	6	3	7	11/88	Tamaru		364	200	09/29/86
ERC	4	7	9	1	5	7	1	12/88	Takahashi, et al.		364	436	10/08/86
ERC	4	7	9	1	5	7	2	12/88	Green, III, et al.		364	449	11/20/85
ERC	4	7	9	6	1	8	9	01/89	Nakayama, et al.		364	449	03/19/86

## **FOREIGN PATENT DOCUMENTS**

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>ERC</i>	-	Don Burtis, "CDPD--A Bandwidth Optimization Technique for Cellular Telephones," <i>Computer Design's OEM Integration</i> , May, 1994, pp. 19-20.
<i>ERC</i>	-	"U.S. Coast Guard Bulletin Board System File FRP-DGPS," <i>U.S. Coast Guard</i> , Date Unknown, pp. 1-6.
<i>ERC</i>	-	Gene L. Schlechte, LCDR, "U.S. Coast Guard Bulletin Board System Document 'DESIGN.TXT' - Design Process for the United States Coast Guard's Differential GPS Navigation Service," <i>U.S. Coast Guard, U.S. Coast Guard Omega Navigation System Center</i> , Date Unknown, pp. 1-21.

**EXAMINER**

**DATE CONSIDERED**

Cosimano, E.

7-20-98

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



Form PTO-1449 PATENT & TRADEMARK OFFICE <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>	Docket Number (Optional) 019743.0261	Application Number 08/976,294
	Applicant Westerlage, et al.	
	Filing Date November 21, 1997	Group Art Unit

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ERC	4	7	9	7	9	4	8	01/89	Milliorn, et al.	455	54	07/22/87
ERC	4	7	9	9	1	6	2	01/89	Shinkawa, et al.	364	436	10/24/86
ERC	4	8	0	4	9	3	7	02/89	Barbiaux, et al.	340	52F	05/26/87
ERC	4	8	0	9	0	0	5	02/89	Counselman, III	342	352	01/21/88
ERC	4	8	1	9	1	7	4	04/89	Furuno, et al.	364	444	01/29/87
ERC	4	8	3	3	4	7	7	05/89	Tendler	342	389	11/22/88
ERC	4	8	3	3	7	0	1	05/89	Comroe, et al.	379	60	01/27/88
ERC	4	8	3	3	7	0	2	05/89	Shitara, et al.	379	60	05/13/88
ERC	4	8	4	3	5	7	5	06/89	Crane	364	550	02/13/86
ERC	4	8	6	0	3	4	1	08/89	D'Avello, et al.	379	91	02/13/89
ERC	4	8	6	6	7	6	2	09/89	Pintar	379	200	04/04/88

**FOREIGN PATENT DOCUMENTS**

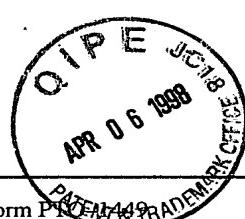
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

ERC	"Appendix B, The 1991 Radionavigation User Conference," <i>Department of Transportation</i> , Date Unknown, pp. 1-2.
ERC	Kirk Ladendorf, "First in Flight--Using State-Of-The-Art Technology, Austin-Based Arrowsmith Technologies Establishes Itself As A Major Player in Nascent Technology-Supplier Market, <i>Austin American-Statesman</i> , January 30, 1995, 3 pages.

EXAMINER	DATE CONSIDERED
<i>Cosimano, E</i>	<i>7-20-98</i>

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>								Docket Number (Optional) 019743.0261	Application Number 08/976,294						
								Applicant Westerlage, et al.							
								Filing Date November 21, 1997				Group Art Unit			

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ERC	4	8	7	6	7	3	8	10/89	Selby		466	33	09/16/87
ERC	4	8	8	4	2	0	8	11/89	Marinelli, et al.		364	460	05/16/88
ERC	4	8	9	1	6	5	0	01/90	Sheffer		342	457	05/16/88
ERC	4	8	9	1	7	6	1	01/90	Gray, et al.		364	452	03/31/88
ERC	4	8	9	7	6	4	2	01/90	DiLullo, et al.		340	825.060	10/14/88
ERC	4	9	0	1	3	4	0	02/90	Parker, et al.		379	60	09/19/88
ERC	4	9	0	5	2	7	0	02/90	Ono		379	58	12/14/88
ERC	4	9	0	7	2	9	0	03/90	Crömpton		455	56	05/13/88
ERC	4	9	0	8	6	2	9	03/90	Apsell, et al.		342	457	12/05/88
ERC	4	9	1	2	7	5	6	03/90	Hop		379	60	04/07/89
ERC	4	9	1	4	6	8	6	04/90	Hagat, III, et al.		379	61	11/28/86

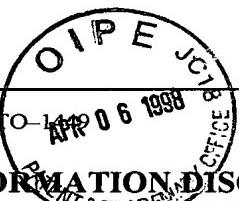
**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER			DATE	COUNTRY	CLASS	SUBCLASS	Translation	
								YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	EXAMINER	DATE CONSIDERED
	Casimano, E.	7-20-98

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



Form PTO-142 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>								Docket Number (Optional) 019743.0261	Application Number 08/976,294
								Applicant Westerlage, et al.	
								Filing Date November 21, 1997	Group Art Unit

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ERC	4	9	4	5	5	7	0	07/90	Gerson, et al.		381	110	08/25/89
ERC	4	9	5	3	1	9	8	08/90	Daly, et al.		379	61	07/05/89
ERC	4	9	6	3	8	6	5	10/90	Ichikawa, et al.		340	995	03/16/87
ERC	4	9	9	3	0	6	2	02/91	Dula, et al.		379	88	02/10/89
ERC	4	9	9	8	2	9	1	03/91	Marui, et al.		455	89	11/23/88
ERC	5	0	0	3	3	1	7	03/91	Gray, et al.		342	457	07/11/89
ERC	5	0	0	8	8	1	4	04/91	Mathur		364	200	08/15/88
ERC	5	0	1	4	2	0	6	05/91	Scribner, et al.		364	449	08/22/88
ERC	5	0	1	9	9	6	3	05/91	Alderson, et al.		364	200	03/21/88
ERC	5	0	2	5	2	5	3	06/91	DiLullo, et al.		340	825.06	10/03/89
ERC	5	0	3	2	8	4	5	07/91	Velasco		342	457	02/08/90

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER		

EXAMINER	DATE CONSIDERED
Cosimano, E	7-20-98

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



Form PTO-1449								Docket Number (Optional) 019743.0261	Application Number 08/975,294
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>								Applicant Westerlage, et al.	
(Use several sheets if necessary)								Filing Date November 21, 1997	Group Art Unit

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER						DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ERC	5	0	4	3	7	3	6	08/91	Darnell, et al.	342	357	07/27/90
ERC	5	0	4	5	8	6	1	09/91	Duffett-Smith	342	457	07/28/88
ERC	5	0	4	6	0	8	2	09/91	Zicker, et al.	379	59	05/02/90
ERC	5	0	5	5	8	5	1	10/91	Sheffer*	342	457	11/29/89
ERC	5	0	5	8	2	0	1	10/91	Ishii, et al.	455	33	05/24/89
ERC	5	0	6	8	6	5	6	11/91	Sutherland	340	989	12/21/90
ERC	5	0	9	0	0	5	0	02/92	Heffernan	379	60	04/30/91
ERC	5	1	0	1	5	0	0	03/92	Marui	455	33	05/26/89
ERC	5	1	1	9	1	0	2	06/92	Barnard	342	357	01/23/91
ERC	5	1	2	1	1	2	6	06/92	Clagett	342	419	03/12/91
ERC	5	1	2	1	3	2	5	06/92	DeJonge	364	442	07/03/91

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER	DATE CONSIDERED
Cosimano, E.	7-20-98

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>									Docket Number (Optional) 019743.0261	Application Number 08/976,294
									Applicant Westerlage, et al.	
									Filing Date November 21, 1997	Group Art Unit

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ERC	5	1	3	1	0	1	9	07/92	Sheffer, et al.	379	39	03/21/90	
ERC	5	1	3	1	0	2	0	07/92	Liebesny, et al.	379	59	12/29/89	
ERC	5	1	4	2	2	8	1	08/92	Park -	340	991	01/31/90	
ERC	5	1	4	2	6	5	4	08/92	Sonberg, et al.	379	59	08/09/90	
ERC	5	1	5	5	4	9	0	10/92	Spradley, Jr., et al.	342	357	10/15/90	
ERC	5	1	5	5	8	4	7	10/92	Kirouac, et.al.	395	600	08/03/88	
ERC	5	1	5	9	6	2	5	10/92	Zicker .	379	59	10/24/90	
ERC	5	1	6	6	6	9	4	11/92	Russell, et al.	342	457	08/20/91	
ERC	5	1	7	2	3	2	1	12/92	Ghaem, et al.	364	444	12/10/90	
ERC	5	2	0	8	7	5	6	05/93	Song.	364	449	01/28/91	
ERC	5	2	2	3	8	4	4	06/93	Mansell, et al.	342	357	04/17/92	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER			DATE	COUNTRY	CLASS	SUBCLASS	Translation	
								YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER	DATE CONSIDERED	
<i>Cosimano, E.</i>	<i>7-20-98</i>	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



INFORMATION DISCLOSURE CITATION IN AN APPLICATION								Docket Number (Optional) 091743.0261		Application Number 08/976,294		
<i>(Use several sheets if necessary)</i>								Applicant Westerlage, et al.				
								Filing Date November 21, 1997		Group Art Unit		
U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER						DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ERC</i>	5	2	2	5	8	4	2	07/93	Brown, et al.	342	357	05/09/91
<i>ERC</i>	5	2	3	5	6	3	3	08/93	Dennison, et al.	379	60	12/26/91
<i>ERC</i>	5	2	3	7	6	1	2	08/93	Raith,	380	23	03/29/91
<i>ERC</i>	5	2	4	3	5	2	9	09/93	Kashiwazaki	364	449	06/29/92
<i>ERC</i>	5	2	4	7	5	6	4	09/93	Zicker	379	40	10/24/90
<i>ERC</i>	5	2	5	2	9	8	2	10/93	Frei	342	357	08/07/91
<i>ERC</i>	5	2	6	1	1	1	8	11/93	Vanderspool, II, et al.	455	51.2	10/04/91
<i>ERC</i>	5	2	7	0	9	3	6	12/93	Fukushima, et al.	364	444	09/23/92
<i>ERC</i>	5	2	7	6	7	2	9	01/94	Higuchi, et al.	379	58	07/14/92
<i>ERC</i>	5	2	9	3	1	6	3	03/94	Kakihara, et al.	340	995	08/18/93
<i>ERC</i>	5	2	9	7	1	9	1	03/94	Gerszberg	379	59	06/03/93
FOREIGN PATENT DOCUMENTS												
	DOCUMENT NUMBER			DATE	COUNTRY		CLASS	SUBCLASS	Translation			
										YES	NO	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)												
EXAMINER												
DATE CONSIDERED					7-20-98							
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.												



Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>								Docket Number (Optional) 019743.0261	Application Number 08/976,294
								Applicant Westerlage, et al.	
								Filing Date November 21, 1997	Group Art Unit

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ERC	5	2	9	7	1	9	2	03/94	Gerszberg		379	59	06/30/93
ERC	5	2	9	9	1	3	2	03/94	Wortham		364	460	07/28/92
ERC	5	3	1	1	1	9	4	05/94	Brown		342	357	09/15/92
ERC	5	3	2	3	3	2	2	06/94	Mueller, et al.		364	449	03/05/92
ERC	5	3	5	9	5	2	8	10/94	Haendel, et al.		364	424.04	02/19/93
ERC	5	3	6	5	5	1	6	11/94	Jandrell		370	18	08/16/91
ERC	5	3	9	2	4	5	8	02/95	Sasuta, et al.		455	54.1	04/28/93
ERC	5	3	9	6	5	4	0	03/95	Goch		379	59	04/22/94

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER	DATE CONSIDERED
<i>Cosimano, E.</i>	<i>7-20-98</i>

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.